

Converting Colors

XYZ(26.9989, 22.1884, 37.4624)

Have a look what the booklet for
XYZ(26.9989, 22.1884, 37.4624)
contains.

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Color

**XYZ(27.0397, 22.2767,
37.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	9F73A3
RGB	159, 115, 163
RGB Percent	62%, 45%, 64%
CMY	0.3765, 0.5490, 0.3608
CMYK	0.02, 0.29, 0.00, 0.36
HSL	295°, 21%, 55%
HSV	295°, 29%, 64%
XYZ	27.0397, 22.2767, 37.5250
YIQ	133.6280, 10.8160, 24.2560

Conversions

Conversions Part 2

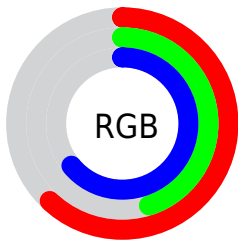
Format	Color
R_{YB}	159, 115, 163
Decimal	10449827
CIE _{Lab}	54.32, 25.74, -18.98
CIE _{LCh}	54, 31.986, 323.598
Yxy	22.2767, 0.3114, 0.2565
Android (android.graphics.Color)	4288639907 (0xFF9F73A3)
YUV	133.6280, 14.4804, 22.2512
Hunter-Lab	47.1982, 19.6652, -14.0999

Details

The XYZ color **27.0397, 22.2767, 37.5250** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.8001, 31.3546, 21.0183**, and the grayscale version is **22.4700, 23.6402, 25.7442**.

A 20% lighter version of the original color is **54.2052, 46.9955, 72.5438**, and **10.8809, 8.1699, 16.0424** is the 20% darker color. If you saturate the color by 10%, you get **25.0752, 18.7449, 36.9472**, and if you desaturate by 10%, it is **29.3372, 26.4693, 38.2135**.

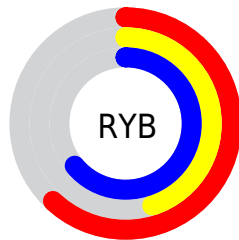
Distribution



Red (62%)

Green (45%)

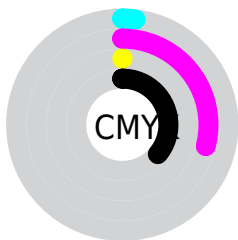
Blue (64%)



Red (62%)

Yellow (45%)

Blue (64%)

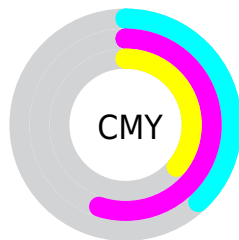


Cyan (2%)

Magenta (29%)

Yellow (0%)

Black (36%)



Cyan (38%)

Magenta (55%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0397, 22.2767, 37.5250 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 27.0397, 22.2767, 37.5250 by changing the saturation by 10% instead.

27.0397, 22.2767,
37.5250

27.0397, 22.2767,
37.5250

280.0133,
263.9879, 350.8148

17.7398, 14.0604,
25.3153

54.3670, 47.2029,
72.5748

10.8619, 8.1627,
16.0909

73.1251, 64.6815,
96.2520

6.0406, 4.1992,
9.4335

95.7666, 86.0164,
124.5887

2.9107, 1.7856,
4.9243

122.6570,
111.5919, 158.0036

1.1067, 0.4782,
2.1450

154.1614,
141.7924, 196.9151

0.0307, 0.0000,
0.6423

190.6454,

0.0000, 0.0000,

177.0023, 241.7418

0.0000

232.4743,
217.6060, 292.9022

■ 27.0397, 22.2767,
37.5250

■ 27.0397, 22.2767,
37.5250

■ 25.0752, 18.7449,
36.9472

■ 29.3372, 26.4693,
38.2135

■ 23.4243, 15.8364,
36.4728

■ 31.9817, 31.3518,
39.0165

■ 22.0688, 13.5142,
36.0960

■ 34.9889, 36.9553,
39.9396

■ 20.9877, 11.7366,
35.8099

■ 38.3729, 43.3079,
40.9874

■ 20.1573, 10.4560,
35.6064

■ 42.1470, 50.4363,
42.1645

■ 19.5497, 9.6168,
35.4765

■ 46.3239, 58.3660,
43.4749

■ 19.1056, 9.1002,
35.4002

■ 50.9158, 67.1212,
44.9228

■ 19.0820, 9.0735,
35.3963

■ 55.9343, 76.7250,
46.5120

■ 59.2145, 82.8475,
47.5209

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.9716, 22.2767, 46.4433



27.0397, 22.2767, 37.5250



28.5577, 22.2767, 26.4598

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



27.0397, 22.2767, 37.5250



21.9296, 22.2767, 9.7425



15.6056, 22.2767, 32.7806

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



27.0397, 22.2767, 37.5250



23.8001, 31.3546, 21.0183

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.1862, 22.2767, 22.1772



27.0397, 22.2767, 37.5250



18.6018, 22.2767, 10.5738

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



27.0397, 22.2767, 37.5250



25.4057, 22.2767, 11.8530



16.2235, 22.2767, 14.5535



17.4393, 22.2767, 43.2200

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



27.0397, 22.2767, 37.5250



28.3797, 22.2767, 20.0164



16.2235, 22.2767, 14.5535



15.3035, 22.2767, 29.0546

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



27.0404, 22.2777, 37.5255



57.4178, 56.4107, 69.9182



20.2788, 19.4838, 37.3426



12.7381, 12.3771, 15.6552



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.0404, 22.2777, 37.5255



46.1757, 35.8375, 66.5397



26.1936, 22.0320, 28.8594



7.3059, 7.1720, 8.9024



14.8486, 7.0612, 27.5101



0.3279, 0.1566, 0.5788

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.5654, 21.3808, 20.2857



41.0924, 34.0054, 30.6812



24.5413, 31.5890, 27.7263



7.0966, 7.0951, 7.4952



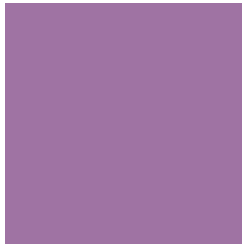
11.8059, 6.0784, 0.9024



0.2548, 0.1304, 0.0545

Previews

White Background



This preview shows how the XYZ color 27.0397, 22.2767, 37.5250 looks on a white background.

Color Contrast Check

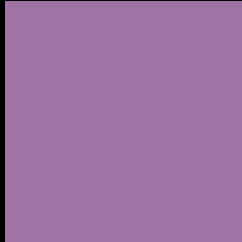
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.0397, 22.2767, 37.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

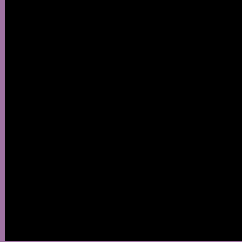
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0397, 22.2767, 37.5250

Background



This preview shows how black text looks on a background with the XYZ color 27.0397, 22.2767, 37.5250.



This preview shows how white text looks on a background with the XYZ color 27.0397, 22.2767,

37.5250.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

27.0397, 22.2767, 37.5250

Protanopia

22.8643, 22.5692, 42.6864

Deuteranopia

22.7748, 22.2640, 36.8152



Tritanopia

24.2605, 22.1835, 24.4759

Trichromacy



Original Color

27.0397, 22.2767, 37.5250

Protanomaly

24.0419, 22.2664, 40.5668

Deuteranomaly

24.2520, 22.2635, 37.2015

Tritanomaly

25.2651, 22.2447, 28.9487

Monochromacy



Original Color

27.0397, 22.2767, 37.5250

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.0279, 23.0627, 29.9732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0397, 22.2767, 37.5250 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(159, 115, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 115, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(159, 115, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 115, 163) }
```

Border

The CSS property to change the border of an element to XYZ 27.0397, 22.2767, 37.5250 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 115, 163) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(159, 115, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(159, 115, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 115, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 115, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 115,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0397, 22.2767, 37.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 115, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(159,  
115, 163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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